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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/781,265	02/13/2001	Raja Singh Tuli		8091

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James C Scheller Jr
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EXAMINER

YUN, EUGENE

ART UNIT PAPER NUMBER

2682

DATE MAILED: 11/06/2003

4

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/781,265

Applicant(s)

TULI, RAJA SINGH

Examiner

Eugene Yun

Art Unit

2682

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 13 February 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). ____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) ____ 6) ☐ Other: .

DETAILED ACTION

Claim Objections

1. Claim 4 is objected to because of the following informalities: Claim 4 is identical to Claim 3. Appropriate correction is required.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

3. Claims 1-7 are rejected under 35 U.S.C. 102(e) as being anticipated by Kloba et al. (US 6,553,412).

Referring to Claim 1, Kloba teaches a host computer which receives information from an outside source (see COMPOSITE SERVER and WORKSTATION in fig. 1V), contains a browser with a window which renders this information onto a virtual display in

its memory (see col. 6, lines 10-20), whereby a software program reduces the color depth of the rendered virtual display (see col. 15, lines 30-32), compresses this reduced virtual display (see col. 15, lines 41-43) and send it to a remote device capable of receiving, decompressing, storing into memory and displaying it to a user (see ABSTRACT).

Referring to Claim 2, Kloba teaches a host computer which receives information from an outside source (see COMPOSITE SERVER and WORKSTATION in fig. 1V), contains a browser with a window which renders this information onto a virtual display in its memory (see col. 6, lines 10-20) and also reduces the color depth (see col. 15, lines 30-32), compresses this reduced virtual display (see col. 15, lines 41-43) and sends it to a remote device capable of receiving, decompressing, storing into memory and displaying it to a user (see ABSTRACT).

Referring to Claims 3 and 4, Kloba also teaches a window whereby a portion of the virtual display is displayed as an image in the browser's window and is captured by a software which reduces the color depth, compresses it and sends it to the remote device, with the browser's window automatically scrolling to other parts of the virtual display during the period the image is sent to the remote device, whereby all parts of the image are captured and sent to the remote device (fig. 4B).

Referring to Claim 5, Kloba also teaches an internal or external data base 126 (fig. 1B) such that the remote device may instruct the host computer to insert parts of this information into specific locations on the virtual display, in conjunction with other information selected by the user that appears on a display screen of the remote device,

which is all sent to the source and a refreshed information is received by the host computer from said source (fig. 1Y).

Referring to Claim 6, Kloba also teaches a mouse or pointing device connected to it which is used to select or move objects on a display screen, whereby the click down and click up command locations on the display screen are sent as a message to the host computer which inserts these commands in the exact locations on the virtual display, which is sent to the source and a refreshed information is received by the host computer from said source (see fig. 1AB where a mouse is required to operate on such a web page).

Referring to Claim 7, Kloba also teaches different parts of the image after being rendered are reduced in color to different amounts and compressed and sent to the remote device (see col. 15, lines 30-43).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eugene Yun whose telephone number is (703) 305-2689. The examiner can normally be reached on 8:30am-5:30pm Alt. Fridays off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vivian Chin can be reached on (703) 308-6739. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.


Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-4700.

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Art Unit: 2682

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Eugene Yun
Examiner
Art Unit 2682

EY


VIVIAN CHIN
SUPERVISORY PATENT EXAMINER
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10/31/03